by well known amateurs. H. R. Skifter, 9YAJ, held the attention of the gang for two hours with an interesting paper on the "construction and operation of C.W. transmitters." Entertainment at the Orpheum Theatre and a sight seeing trip around the city were enjoyed. The convention closed with a banquet at the Cataract Hotel and as usual this was the climax of the meeting and nothing was left undone. N. H. Jensen, manager of the Dakota Division, was presented with a Grebe CR-9 by the gang. Dealers exhibiting at the convention gave six prizes which were awarded in the code contest and to the delegate coming from the greatest distance. 9AWM told of the record breaking relay 1AW to 6ZAC and return. The old A.R.R.L. spirit was the order of the day. Joe Dean of 9ZU, Homer Fitch of 9YAK, and Orville Wheelon of 9AVZ did much to make the convention a grand success.

Bloomfield Radio Club

The annual election of officers was held December 20th and the following men will hold office for the ensuing year; F. J. McKinney, president; A. J. Ball, Jr., vice president; R. R. Blunt, secretary; A. J. Wykes, treasurer. 2EY was re-elected chief operator and traffic manager.

Third District Convention

Baltimore, Md.!!!! April 13th-14th, 1923!!!! Hotel Emerson!!!! Watch this column for the latest dope. Its going to be a real one, boys.

Seventh District Executive Council

The Seventh District Executive Radio Council took definite form at the annual meeting held in Portland December 28 and 29. At this writing no details are available, but an understanding of what the council consists and how it will function, briefly, is as follows. For several years it had been the custom in the Northwestern Division of the A.R.R.L. to hold annual banquets, each year at a different city. These banquets always were well attended and the A.R.R.L. spirit reigned supreme. Early last summer during the radio show and convention plans were announced for the formation of the council. The council is made up of the officers of the radio associations and clubs in the Seventh District. From this membership the chairman for the coming year is elected annually. Each year there is a new chairman with a new place for the next annual meeting. The chairman has his various assistants either by selection or election who serve with him for the term. The chairman and his assistants are charged with the duty of administering radio affairs as set down by the council. He is responsible for the arrangements of an annual meeting. The purpose of the council is the widest possible co-operation with every interest. (A detailed account of what is being done will apear next month.—F.H.S.)

Milwaukee Amateurs' Radio Club

The Milwaukee Amateurs' Radio Club, which was founded in 1917 and became affiliated with the American Radio Relay League, Inc., in 1919, is enjoying an active and successful season. The society meets weekly at 7:45 P.M. on Thursdays in the Trustees' Room of the Milwaukee Public Museum. Meetings have been well attended, and the membership is increasing.

The Board of Direction has recently appointed two additional officers: L. S. Baird, Business Manager, and L. J. Topolinski, General Counsel.

E. D. Nunn, a Milwaukee radio engineer, demonstrated a receptor of his own design and gave a short address on radio frequency amplification. At a special informal meeting, a "ham-fest" was held with F. H. Schnell, Traffic Manager of the A.R.R.L. as guest and principal speaker. "The Construction of a High Voltage "B" Storage Battery" was the subject of a talk by Marian Szukalski, Jr., 9AAP. Ben A. Ott, 9ZY, and K. C. Maas, 9AZA, state officers of the League, recently visited the society and gave talks on state organization.

The Technical Committee, headed by E. T. Howell, Sc.M., and R. E. (radio engineer) Lathrop, 9ATZ, Vice-President of the Waukesha Radio Amateur Club, has submitted several reports on topics of timely interest. The "S" tube has been discussed; super-regeneration explained; and analogy given for oscillating tubes; and the Hartley and reverse feed-back C.W. circuits contrasted.

A spirited spark-C.W. debate was put over with great success. The argument waxed hot, and the sound of the gavel was frequent. A contest in defining technical radio terms caused many lines to be spelled down, but resulted in adding a large store of words to the member's vocabularies. Several meetings have been devoted in part to discussions of the proper design and construction of aerials in way of collecting data for this society's contribution to the antenna symposium number of *QST*.